	Application No.	Applicant(s)	
	10/629,559	NAGATA ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Toan Ton	2871	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in i) or other appropriate commu RIGHTS. This application is so	this application. If not included nication will be mailed in due course	. THIS e initiative
1. A This communication is responsive to papers filed 12/22/0	<u>6</u> .		
2. ⊠ The allowed claim(s) is/are <u>29-35</u> .	·		
 3.		or (f).	
2. Certified copies of the priority documents have		n No.	
3. Copies of the certified copies of the priority de			m the
International Bureau (PCT Rule 17.2(a)).		J	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	MENT of this application.		
4. A SUBSTITUTE OATH OR DECLARATION must be subr INFORMAL PATENT APPLICATION (PTO-152) which give			OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	ust be submitted.		
(a) I including changes required by the Notice of Draftsper	rson's Patent Drawing Review	(PTO-948) attached	
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date			
(b) including changes required by the attached Examiner Paper No./Mail Date	r's Amendment / Comment or	in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on the header according to 37 CF	e drawings in the front (not the back) R 1.121(d).	of
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 	OSIT OF BIOLOGICAL MATE FOR THE DEPOSIT OF BIO	ERIAL must be submitted. Note th LOGICAL MATERIAL.	е
		•	
		•	
Attachment(s)			
1. Notice of References Cited (PTO-892)	5. Notice of Inf	ormal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		ımmary (PTO-413), Mail Date	
3. Information Disclosure Statements (PTO/SB/08),		Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛭 Examiner's	Statement of Reasons for Allowance)
	9.		

Application/Control Number: 10/629,559

Art Unit: 2871

REASONS FOR ALLOWANCE

1. Claims 29-35 are allowed.

The following is an examiner's statement of reasons for allowance: the prior art of record does not anticipate nor render obvious to one ordinary skilled in the art a liquid crystal display device comprising a combination of various elements as claimed, more specifically, the following combinations: the pixel electrode includes a reflective electrode forming a reflective region and a light-transmissive electrode forming a transmissive region, and a thickness of the liquid crystal layer of the transmissive region is greater than a thickness of the liquid crystal layer of the reflective region; wherein between the silicon film and the first substrate and between the pixel electrode and the first substrate, a silicon oxide film and a silicon nitride film are formed, the silicon nitride film being formed between the silicon oxide film and the first substrate; wherein a film thickness of the silicon nitride film is larger than a film thickness of the silicon oxide film; wherein the silicon nitride film and the silicon oxide film are configured so as to reduce reflection light from the transmissive region of the liquid crystal display device; wherein a gate insulation film is formed between the silicon film and the gate electrode; wherein an interlayer film is arranged close to the gate insulation film and is interposed between the gate insulation film and the pixel electrode; and wherein the film thickness of the silicon nitride film falls within a range of 126 nm to 165 nm.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 10/629,559

Art Unit: 2871

CONCLUSION

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

CONTACT INFORMATION

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

February 27, 2007

PRIMARY PATENT EXAMINER